Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 11 Feb 2021 until 23:59 on Friday 12 Feb 2021

Forecast Issued on Wednesday 10 Feb 2021 at 16:30

Confidence: High for a settled, but bitterly cold and windy, end to the week but low with regard to details over the weekend as Atlantic fronts try to introduce milder air.

Headline for Thursday 11 Feb 2021: Dry and sunny but bitterly cold with drifting snow and strong easterly winds

Mountain weather hazards on Thursday 11 Feb 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Clear night	Clear night	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability							
30%	10%	<05%	00%	00%	00%	00%	00%

Forecast for Thursday 11 Feb 2021

Weather: Any remaining light snow showers soon dying out to leave a dry and increasingly clear night. A sunny day then follows, however lying snow is expected to drift significantly in the wind. Dry and clear through the evening.

Chance of cloud free mountain/hill tops above 600m: Close to 100% with little or no cloud expected below summit level.

Visibility: Very good with some decent views of surrounding snow covered hills, however visibility likely to be reduced to less than a kilometre at times due to drifting or blowing snow. With plenty of sunshine and snow around glare likely to be issue.

Forecast for Thursday 11 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/22 E	14/22 E	15/23 E	16/25 E	17/25 SE	16/24 SE	19/30 E	21/33 E	22/35 SE
300	6/19 E	6/20 E	7/21 E	7/21 E	12/23 SE	11/22 SE	10/25 E	12/28 E	12/28 SE
Valley	6/15 NE	5/15 E	6/17 E	7/18 E	12/25 SE	12/24 SE	11/26 E	12/28 E	14/30 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-6/-13	-6/-13	-6/-13	-5/-12	-4/-11	-4/-10	-5/-12	-6/-14	-6/-15
300	-5/-9	-5/-9	-5/-9	-3/-8	-0/-6	-0/-5	-3/-8	-3/-9	-4/-10
Valley	-3/-6	-3/-6	-3/-6	-1/-5	2/-3	2/-3	-1/-6	-2/-7	-2/-8
Freezing Level*	00m	00m	00m	00m	100m	100m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures close to minus 6 or 7 Celsius at dawn. Bitterly cold conditions and deep snow at higher elevations likely to make for some difficult walking conditions. Gusts close to 45mph over ridges and summits in evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 10 Feb 2021	1mm	2.2mm	3.8mm

Forecast for Friday 12 Feb 2021

Weather: Dry with clear or sunny spells, the sunshine rather hazy at times due to thickening cloud above the summits. Lying snow continuing to drift and blow in the strengthening winds.

Maximum wind: Easterly or southeasterly 25-35mph, with gusts around 55mph over ridges and summits, producing a severe chill effect.

Chance of cloud free mountain/hill tops above 600m: Close to 100% with little or no cloud expected below summit level.

Visibility: Very good with some decent views of surrounding snow covered hills, however visibility likely to be reduced to less than a kilometre at times due to drifting or blowing snow. With some good spells of sunshine and plenty of snow around glare likely to continue to be an issue.

Temperature: **Valleys:** Minus 6 or 7 Celsius at dawn rising to plus 1 or 2 Celsius by day
At 600m: Minus 6 Celsius
Freezing level: All levels.